

**(WO/2003/106137) APPARATUS FOR PRODUCING AIR-CUSHIONINH MATERIAL AND THE MATERIAL**

Biblio. Data	Description	Claims	National Phase	Notices	Documents
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Latest bibliographic data on file with the International Bureau

Pub. No.: WO/2003/106137 International Application No.: PCT/JP2003/007162

Publication Date: 24.12.2003

International Filing Date: 05.06.2003

IPC: B29C 47/00 (2006.01), B29C 47/20 (2006.01), B65D 81/09 (2006.01)

**Applicants:** SHINWA CORPORATION [JP/JP]; 19, Koyochonishi 6-chome, Higashinada-ku, Kobe-shi, Hyogo 653-0033 (JP) (AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE, BF, BG, BJ, BR, BY, BZ, CA, CF, CG, CH, CI, CM, CN, CO, CR, CU, CY, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, FR, GA, GB, GD, GE, GH, GM, GN, GQ, GR, GW, HR, HU, IE, ID, IL, IN, IS, IT, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MC, MD, MG, MK, ML, MN, MR, MW, MX, MZ, NE, NI, NL, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, SN, SZ, TD, TG, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW only).

MITSUDA, Teruo [JP/JP]; c/o SHINWA CORPORATION, 19, Koyochonishi 6-chome, Higashinada-ku, Kobe-shi, Hyogo 653-0033 (JP).

ISHIDA, Mitsuo [JP/JP]; c/o SHINWA CORPORATION, 19, Koyochonishi 6-chome, Higashinada-ku, Kobe-shi, Hyogo 653-0033 (JP) (US Only).

SHIBUTANI, Masahiro [JP/JP]; c/o SHINWA CORPORATION, 19, Koyochonishi 6-chome, Higashinada-ku, Kobe-shi, Hyogo 653-0033 (JP) (US Only).

**Inventors:** MITSUDA, Teruo [JP/JP]; c/o SHINWA CORPORATION, 19, Koyochonishi 6-chome, Higashinada-ku, Kobe-shi, Hyogo 653-0033 (JP).

ISHIDA, Mitsuo [JP/JP]; c/o SHINWA CORPORATION, 19, Koyochonishi 6-chome, Higashinada-ku, Kobe-shi, Hyogo 653-0033 (JP).

SHIBUTANI, Masahiro [JP/JP]; c/o SHINWA CORPORATION, 19, Koyochonishi 6-chome, Higashinada-ku, Kobe-shi, Hyogo 653-0033 (JP).

**Agent:** EHARA, Syogo: EHARA PATENT OFFICE, 15-26, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

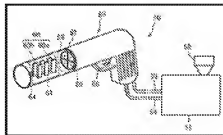
**Priority Data:** 2002-170290 11.06.2002 JP

2003-72177 17.03.2003 JP

2003-149233 27.05.2003 JP

**Title:** APPARATUS FOR PRODUCING AIR-CUSHIONINH MATERIAL AND THE MATERIAL

**Abstract:** An air-cushioning material and an apparatus for producing the material, where the material is capable of reliably preventing a product or a part from being broken or deformed. An air-cushioning material-producing apparatus produces an air-cushioning material in the following way. Molten resin is sent out from a resin melting/extruding apparatus (51) through a hose (53) provided with a heater, and compressed air is sent out by a hose (54). A resin hollow-cylindrical body is formed by discharging molten resin from a resin discharge opening (58) where four adjacent closed loops are formed in a molten resin discharge member (57) of an air-cushioning material-forming machine (55). One end of the hollow-cylindrical body is cooled in a cooling section (60) and pressed and sealed by a press member (61) so as to form a resin hollow-cylindrical body having the bottom. Compressed air is blown from an air blow-out/exhaust opening (59) provided at a position surrounded by the closed loop-like resin discharge opening (58) so that the resin hollow-cylindrical body is made to contain air inside. The other end is pressed and sealed by the press member (61) while extra air in the resin hollow-cylindrical body is being exhausted from the air blow-out/exhaust opening (59). In this way, an air-cushioning material (10) having sealed both ends (12a, 12b) and adjacent four air cells (11) is produced.



**Designated States:** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.  
African Regional Intellectual Property Org. (ARIPO) (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW)  
Eurasian Patent Organization (EAPO) (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)  
European Patent Office (EPO) (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR)  
African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Publication Language:** Japanese (JA)

**Filing Language:** Japanese (JA)